

CCS Technical Documentation

RH-48 Series Transceivers

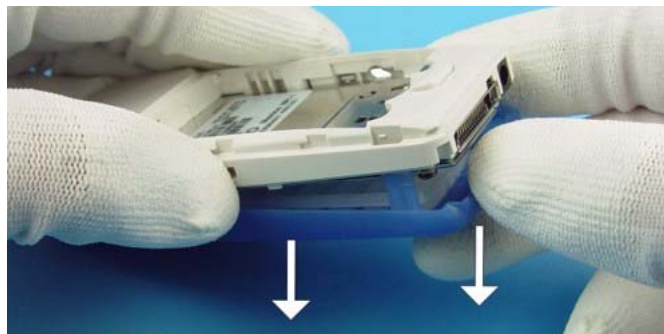
Disassembly/Assembly

Disassembly Instructions

1. Press the Release Button before removing the C-Cover.



2. Remove A-Cover as shown in the picture.



3. Always protect window with a protection film to avoid dust and scratches.



4. Unscrew the six T6 screws, using the order shown. **For assembly, the reverse order and a Torx T6 PLUS with torque of 20Ncm must be used.**

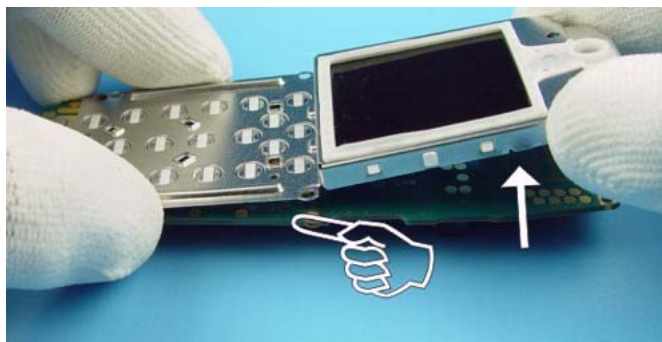


Torque
20Ncm for
assembly

5. Separate the module from the B-Cover and unplug the display connector carefully by removing UI-Shield from System Module.



6. Separate the UI Shield from System Module carefully, Key Dome is attached with adhesive tape, which must not be touched.



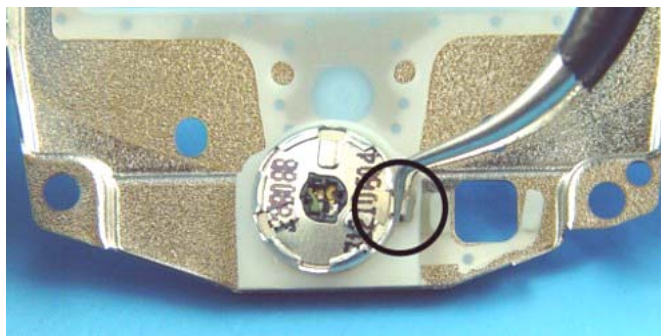
7. Separate the LCD from the UI Shield by pressing out the LCD using a clean cloth. Prevent the Key Dome tape from getting dirty.



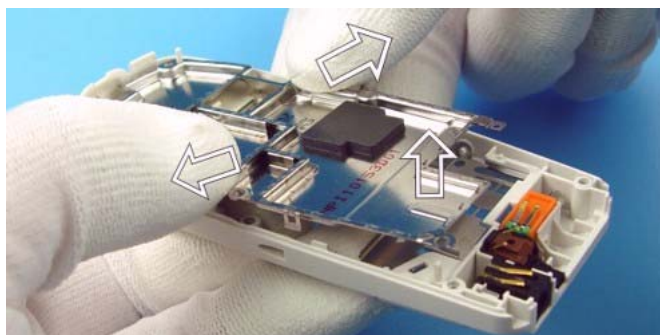
8. Always protect LCD window with a protection foil to avoid dust and scratches.



9. Remove Earpiece. **Note the guiding pin when re-assembling.**



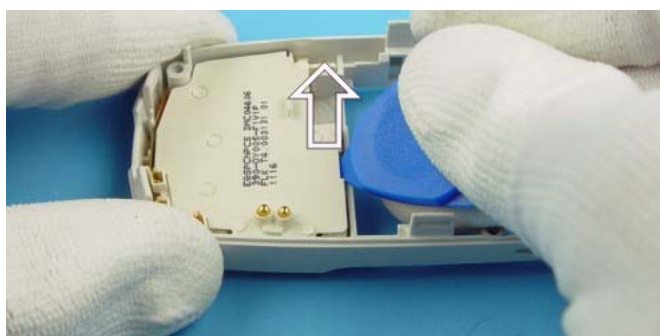
10. The Shielding is attached with hooks at its backside. To remove the Shielding from B-Cover, first expand the B-Cover, then push Shielding upwards.



11. Remove Power Button Key.



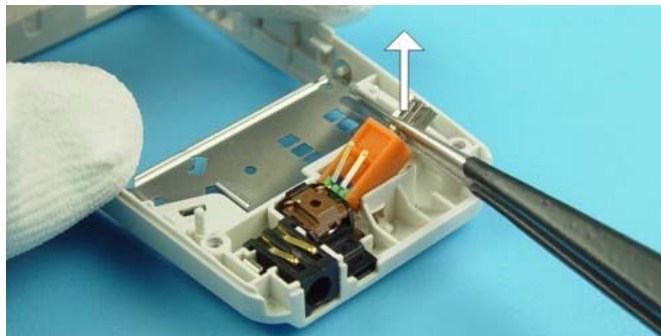
12. Use the SRT-6 to lift up the Antenna.



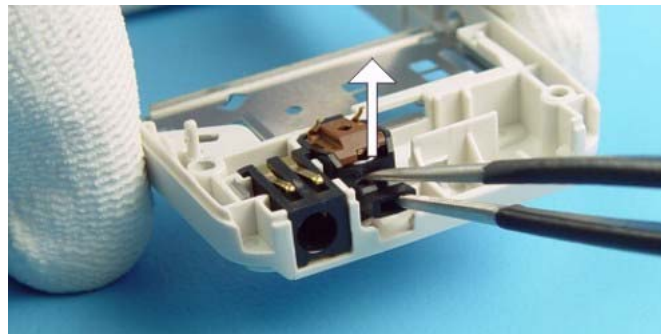
13. Remove the Antenna.



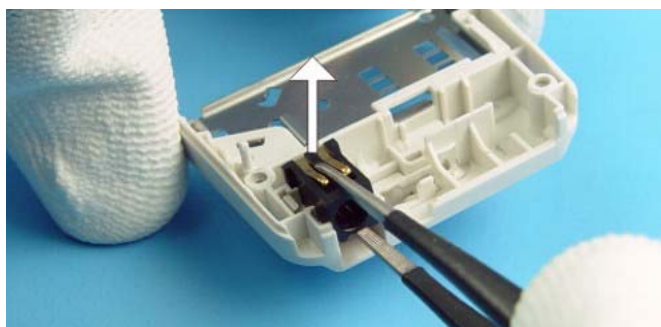
14. Use tweezers to remove the Vibra Motor.



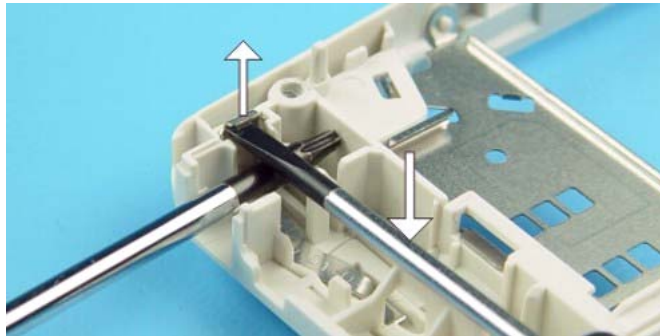
15. Use tweezers to pull up the Microphone.



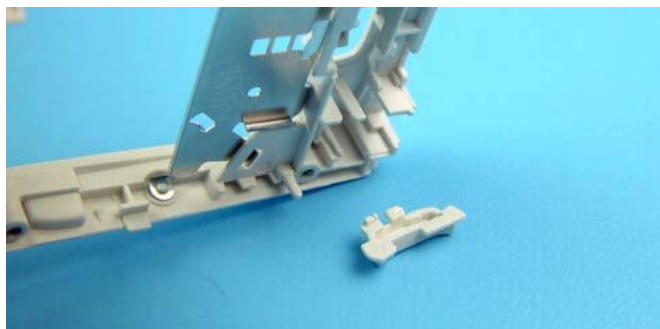
16. To remove the DC-Jack, place tweezers between the spring contacts and under the Jack. You'll need to use additional force to pull the Jack upwards.



17. Use a flathead screwdriver as a lever to remove the Release Spring.



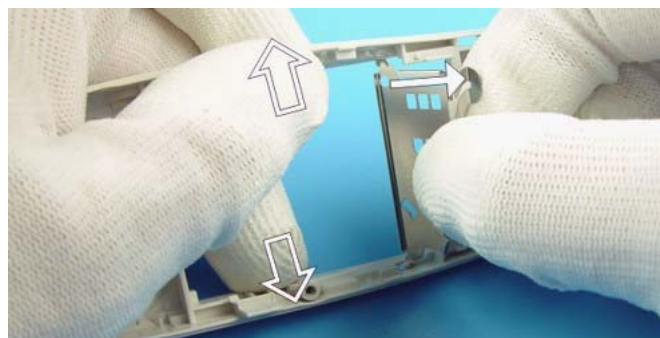
18. Turn the B-Cover as shown to allow the Release Button to fall out.



19. Open SIM Flap and turn it as shown in the picture.

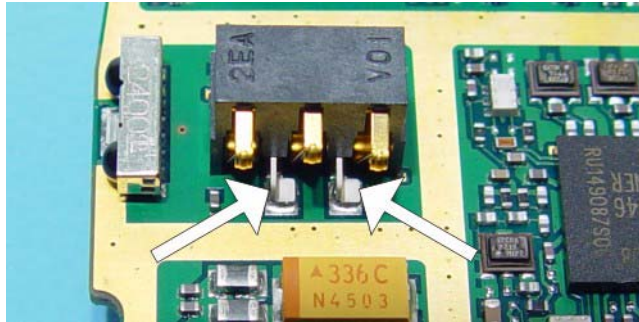


20. Expand B-Cover carefully and remove SIM Flap.

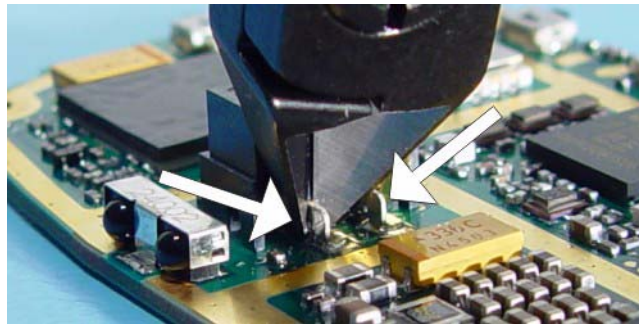


Exchange of Battery Connector X103

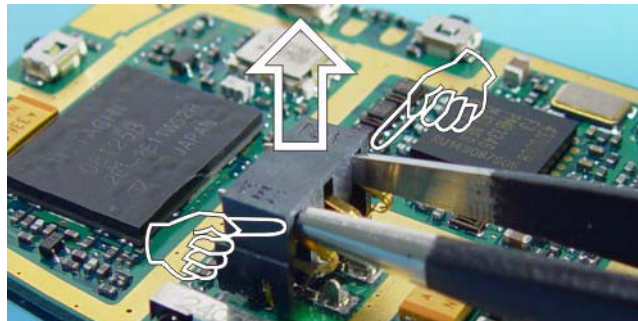
These are the two soldered support angles.



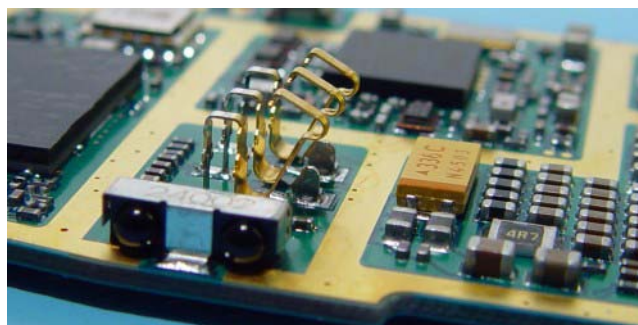
1. Use a side cutter to cut the support angles.



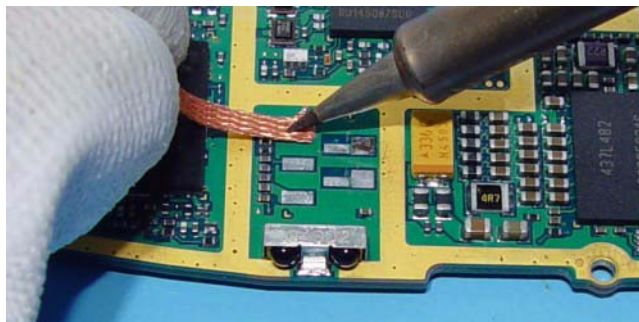
2. Push tweezers into the outside openings of battery connector and lift up the plastic cover.



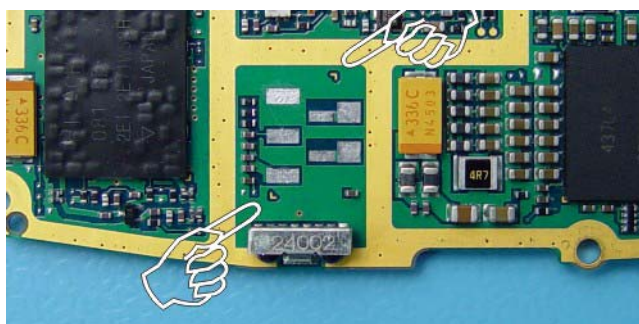
3. Desolder all pins and clean the pads.



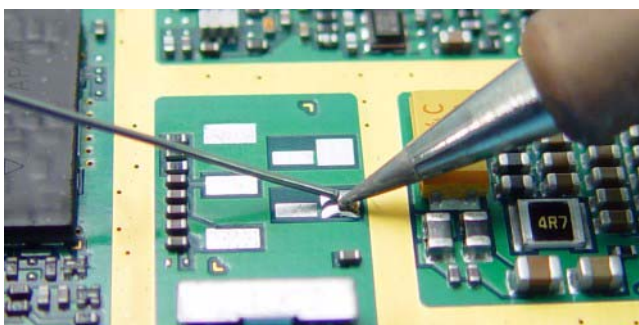
Note that you need a soldering iron with higher temperature, when cleaning or soldering the ground pad.



4. Note location markings to fit the connector precisely.



5. Tin one of the pads to fix the connector before soldering the following pins.



6. Place connector between the markings and solder first support angle. Is the position exact, solder the other pins.

